

Project Title

Development of a Seasonal Fire Danger Potential Prediction Capability based on CFS and a Dynamic Vegetation Growth Model

PI Names

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Report Figures:

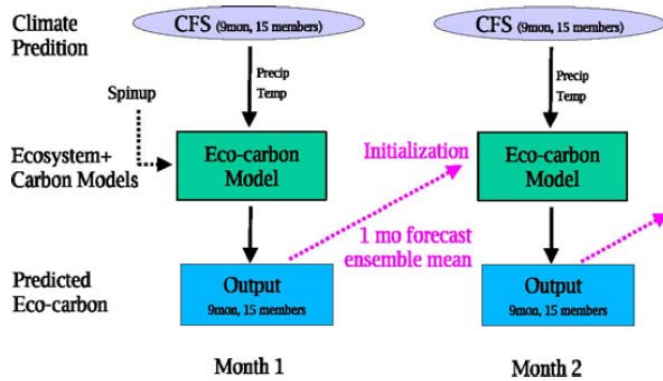


Fig 1: Schematic of the prototype forecast system

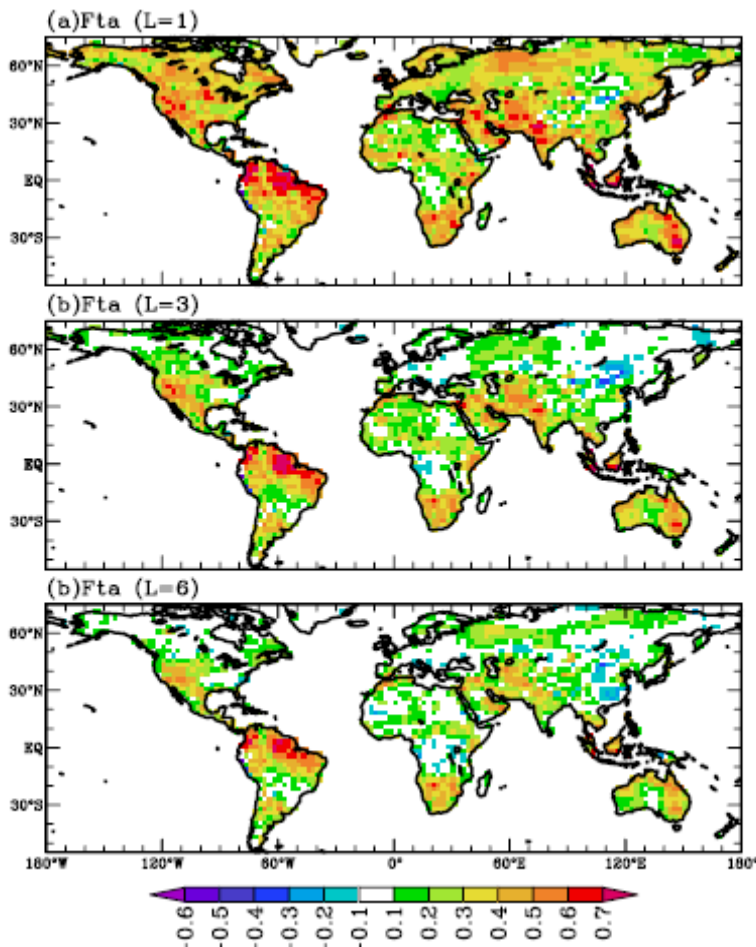


Fig.2 Anomaly correlation of net land-carbon flux between validation and the forecasts for a lead time of 1, 3, and 6 months

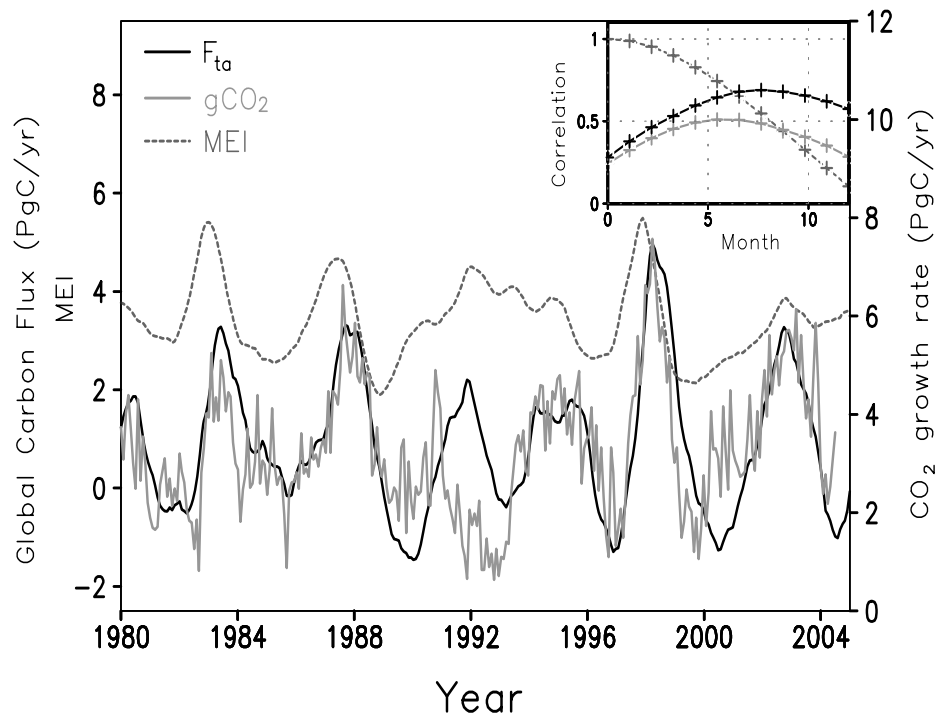


Fig: 3 Time-series indicating the CO₂ growth rate at Mauna Loa, and global total land-atmosphere carbon flux simulated by VEGAS and their lag with the Multivariate ENSO Index (MEI; units dimensionless).